

Amendments to the Specification

Please replace the paragraph beginning at page 1, line 6, with the following rewritten paragraph:

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--This application is related to U.S. Patent Application Serial No. 10/795,688,
_____, attorney docket no. 10040077-1, filed March 8, 2004, and
entitled APPARATUS FOR CONTROLLING THE POSITION OF A SCREEN
POINTER THAT DETECTS DEFECTIVE PIXELS; and U.S. Patent Application
10 Serial No. 10/806,367, _____, attorney docket no. 10040349-1, filed on
the same date as the present application, and entitled CONTAMINANT-
RESISTANT OPTICAL MOUSE AND CRADLE.--

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Please replace the paragraph beginning at page 13, line 10, with the following rewritten paragraph:

--There are several techniques that may be used by defective pixel detector 511 to
identify defective pixels, including techniques described in co-pending application
20 U.S. Patent Application Serial No. 10/795,688, _____, attorney docket
no. 10040077-1, filed March 8, 2004, and entitled APPARATUS FOR
CONTROLLING THE POSITION OF A SCREEN POINTER THAT DETECTS
DEFECTIVE PIXELS, and described below, as well as other techniques. In one
embodiment, defective pixel detector 511 includes a memory 526 for storing an
25 adaptive pixel history 528 for each of the pixels in photo array 114. In one form
of the invention, the adaptive history 528 includes, for each pixel, the time since
the last change in value of the pixel. In one embodiment, pixels that have not
changed in value for a threshold period of time (defective pixel threshold) are
identified by detector 511 as being defective, and are not used in the navigation
30 computation by navigation processor 508, effectively removing the defective
pixels from the correlation.--